

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1439380

Luminaire Tested: CB3-B-030U-055D-930-1D-UNV-STD-W-8

Issue Date: 3/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1439380
REPORT IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2405-119-2, G2-2312-242-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: CB3-B-030U-055D-930-1D-UNV-STD-W-8
Description: CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
3-INCH APERTURE
DOWNLIGHT 550 LUMENS PER FOOT
UPLIGHT 300 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

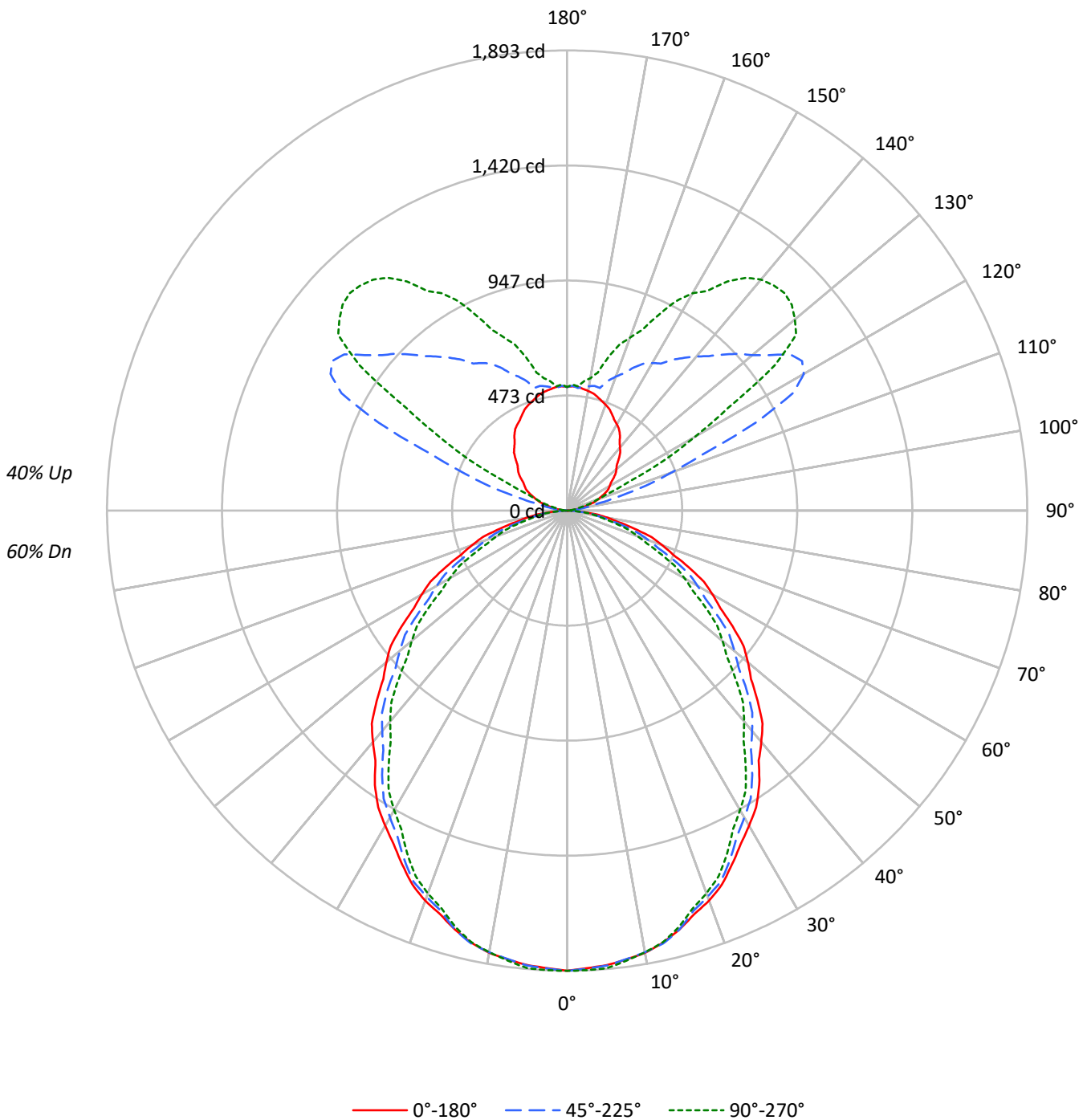
Lumens per Lamp: N/A
Luminaire Lumens: 7522.8 lumens
Efficiency: N/A
Efficacy: 148.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.13 / 1.26
Luminous Opening: Rectangular (W 0.24' x L: 8' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 50.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	110	110	110	110	102	102	102	102	89	89	89	77	77	77	66	66	66	60
1	100	96	92	89	94	90	87	83	78	76	74	68	66	64	58	57	56	51
2	92	84	78	73	85	79	73	69	69	65	61	60	57	54	52	49	47	43
3	84	74	67	61	78	70	63	58	61	56	52	53	49	46	46	43	41	37
4	77	66	58	52	71	62	55	49	54	49	44	48	43	40	41	38	35	32
5	70	59	51	45	66	55	48	43	49	43	38	43	38	35	37	34	31	28
6	65	53	45	39	61	50	42	37	44	38	34	39	34	30	34	30	27	24
7	60	48	40	34	56	45	38	33	40	34	30	35	31	27	31	27	24	22
8	56	44	36	30	52	41	34	29	37	31	27	32	28	24	28	25	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	26	23	20	18
10	49	37	29	25	46	35	28	24	31	26	22	28	23	20	24	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10711	10711	10711
5°	10660	10668	10729
10°	10614	10598	10598
15°	10451	10451	10388
20°	10282	10176	10087
25°	10022	9896	9720
30°	9777	9522	9294
35°	9519	9166	8841
40°	9176	8739	8361
45°	8865	8359	7843
50°	8545	7906	7338
55°	8196	7467	6857
60°	7821	7014	6315
65°	7380	6498	5743
70°	6873	5893	5116
75°	6232	5174	4555
80°	5431	4336	4030
85°	4187	3667	3667

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8865 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.6	2.4
10°-20°	501.9	6.7
20°-30°	729.2	9.7
30°-40°	829.0	11.0
40°-50°	804.8	10.7
50°-60°	679.5	9.0
60°-70°	483.4	6.4
70°-80°	258.3	3.4
80°-90°	68.2	0.9
90°-100°	34.4	0.5
100°-110°	180.1	2.4
110°-120°	453.4	6.0
120°-130°	699.6	9.3
130°-140°	640.4	8.5
140°-150°	472.6	6.3
150°-160°	301.3	4.0
160°-170°	158.6	2.1
170°-180°	49.4	0.7
0°-30°	1409.7	18.7
0°-40°	2238.7	29.8
0°-60°	3723.0	49.5
0°-90°	4532.9	60.3
90°-120°	668.0	8.9
90°-150°	2480.6	33.0
90°-180°	2990.0	39.7
0°-180°	7522.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1893	1893	1893	1893	1893	
5°	1877	1901	1879	1876	1889	178
15°	1784	1800	1784	1774	1774	503
25°	1606	1611	1585	1564	1557	740
35°	1378	1365	1327	1288	1280	859
45°	1108	1091	1045	995	980	855
55°	831	809	757	708	695	743
65°	551	532	485	442	429	546
75°	285	269	237	212	208	304
85°	64	59	56	56	56	76
90°	0	0	0	0	0	3
95°	18	51	20	11	11	23
105°	92	284	206	85	69	98
115°	175	356	855	372	282	170
125°	233	360	1120	1129	1044	208
135°	300	401	907	1237	1265	232
145°	378	438	757	1052	1151	235
155°	437	470	649	804	887	201
165°	484	497	522	610	652	136
175°	511	522	506	508	513	48
180°	508	508	508	508	508	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1893.3	1893.3	1893.3	1893.3	1893.3
2.5°	1883.7	1902.6	1885.8	1888.1	1892.3
5°	1877.2	1900.9	1878.6	1876.2	1889.3
7.5°	1862.7	1884.2	1861.1	1855.7	1867.5
10°	1847.6	1871.3	1844.9	1838.4	1844.9
12.5°	1820.7	1845.4	1824.5	1813.6	1819.1
15°	1784.4	1800.2	1784.4	1773.7	1773.7
17.5°	1740.0	1756.6	1726.9	1719.3	1716.4
20°	1707.8	1722.2	1690.3	1679.4	1675.5
22.5°	1664.7	1678.2	1651.6	1633.2	1628.2
25°	1605.6	1610.8	1585.4	1563.7	1557.2
27.5°	1546.1	1547.5	1512.5	1486.2	1477.6
30°	1496.7	1498.0	1457.7	1429.3	1422.7
32.5°	1447.2	1443.2	1404.9	1371.2	1366.8
35°	1378.3	1365.2	1327.2	1288.0	1280.2
37.5°	1295.2	1287.3	1242.5	1203.2	1191.4
40°	1242.5	1229.4	1183.3	1144.1	1132.2
42.5°	1189.8	1174.5	1127.4	1083.8	1070.9
45°	1108.0	1090.9	1044.8	994.8	980.3
47.5°	1025.7	1007.1	956.4	907.8	891.8
50°	970.9	951.2	898.3	850.8	833.7
52.5°	914.9	894.2	841.2	792.8	778.9
55°	831.0	808.7	757.1	708.4	695.2
57.5°	747.1	725.0	673.7	627.6	611.8
60°	691.2	670.1	619.9	573.8	558.1
62.5°	634.2	614.2	565.0	520.1	505.3
65°	551.3	531.6	485.4	442.1	429.0
67.5°	469.3	452.5	406.9	367.1	356.6
70°	415.5	399.7	356.3	319.8	309.3
72.5°	363.9	347.0	305.8	274.7	267.3
75°	285.1	269.3	236.7	212.4	208.4
77.5°	213.0	200.1	171.9	158.1	156.0
80°	166.7	154.9	133.1	123.7	123.7
82.5°	123.7	114.0	99.8	95.7	95.7
85°	64.5	59.3	56.5	56.5	56.5
87.5°	19.4	19.4	18.3	17.2	17.2
90°	0.0	0.0	0.0	0.0	0.0
92.5°	5.4	12.4	3.6	1.8	3.6
95°	17.9	50.8	20.2	11.2	11.2
97.5°	37.2	113.4	52.0	27.7	25.1
100°	51.5	161.0	80.6	40.2	35.8
102.5°	67.6	208.6	121.8	54.5	46.6
105°	91.8	284.5	206.0	84.7	69.4
107.5°	118.7	336.3	339.5	130.6	105.2
110°	136.6	357.7	452.3	171.5	132.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	152.7	363.4	602.8	233.9	180.5
115°	174.7	356.4	855.4	371.9	282.2
117.5°	190.8	339.2	1047.1	591.7	456.4
120°	201.5	339.5	1124.2	757.9	606.9
122.5°	214.1	341.5	1145.6	923.0	784.2
125°	232.9	359.9	1119.7	1128.9	1043.5
127.5°	251.7	373.4	1049.8	1213.6	1186.9
130°	264.2	382.5	994.3	1242.4	1222.7
132.5°	276.8	391.5	954.9	1243.1	1253.1
135°	300.1	400.8	906.9	1236.8	1265.2
137.5°	323.8	412.3	862.1	1197.6	1256.7
140°	338.1	421.3	826.3	1155.2	1240.6
142.5°	354.3	428.7	792.3	1115.9	1206.6
145°	378.4	437.6	756.9	1052.5	1151.0
147.5°	397.3	442.4	717.0	988.5	1070.0
150°	409.8	442.6	700.9	931.6	1032.3
152.5°	420.5	451.6	681.2	879.5	971.4
155°	436.7	469.5	649.4	803.6	886.8
157.5°	452.8	484.3	611.8	747.0	803.5
160°	463.5	489.8	586.7	719.7	756.9
162.5°	472.5	495.3	559.8	673.2	715.7
165°	483.7	496.8	521.8	610.0	651.6
167.5°	494.0	500.6	524.9	548.1	581.8
170°	499.4	505.9	519.5	542.2	553.1
172.5°	504.7	514.8	512.4	527.8	537.0
175°	510.6	521.5	506.1	508.4	512.8
177.5°	511.9	517.2	513.7	513.8	519.1
180°	508.3	508.3	508.3	508.3	508.3



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.29	17.23	17.15	18.12	19.24	15.21	16.16	16.07	17.04	18.16
	3H	17.96	18.81	18.84	19.70	20.85	16.63	17.48	17.51	18.37	19.52
	4H	18.59	19.40	19.49	20.30	21.45	17.15	17.95	18.04	18.85	20.01
	6H	18.98	19.72	19.89	20.63	21.80	17.47	18.21	18.38	19.12	20.29
	8H	19.12	19.83	20.04	20.75	21.92	17.60	18.30	18.51	19.23	20.39
	12H	19.19	19.86	20.11	20.78	21.97	17.68	18.35	18.60	19.27	20.46
4H	2H	16.70	17.51	17.60	18.41	19.56	15.85	16.65	16.75	17.55	18.70
	3H	18.60	19.27	19.51	20.20	21.37	17.47	18.14	18.38	19.07	20.24
	4H	19.35	19.96	20.28	20.89	22.09	18.08	18.69	19.00	19.62	20.82
	6H	19.86	20.39	20.80	21.34	22.54	18.50	19.03	19.44	19.98	21.17
	8H	20.06	20.55	20.99	21.49	22.70	18.67	19.16	19.61	20.11	21.32
	12H	20.16	20.60	21.11	21.56	22.78	18.78	19.22	19.74	20.19	21.40
8H	4H	19.49	19.98	20.43	20.93	22.14	18.35	18.84	19.29	19.79	21.00
	6H	20.11	20.52	21.08	21.51	22.72	18.88	19.29	19.85	20.28	21.49
	8H	20.39	20.75	21.36	21.73	22.95	19.14	19.50	20.11	20.47	21.70
	12H	20.56	20.87	21.53	21.84	23.12	19.32	19.63	20.29	20.60	21.88
12H	4H	19.47	19.91	20.42	20.87	22.09	18.36	18.80	19.31	19.76	20.98
	6H	20.13	20.49	21.10	21.47	22.69	18.94	19.30	19.91	20.28	21.50
	8H	20.43	20.75	21.41	21.72	23.00	19.23	19.54	20.20	20.51	21.79